

Installation & Maintenance with SMP/E

for

- **System Programmers**
- **Installation Staff**

based on the EMA Blended Learning Concept

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1 Objectives of the Training Module

The aim of the module is to teach participants the Installation and Maintenance of z/OS and its subsystems and third party products. After this module, the participants can install and maintain a z/OS environment.

2 Prerequisites

Practical handling of TSO / ISPF / JCL and SDSF.

For the duration of the training, the participants are provided with access to a current z/OS system from EMA. This access is also available after the end of the training. The EMA guarantees this access for at least three months after the end of the training.

Access is possible via **VIRTEL from SysperTec in France**, which means that no terminal 3270 emulation need to be installed to access the z/OS system. Access is possible via any browser.

For the duration of the course, participants will be provided with a course area on the EMA learning platform (Moodle LMS), through which documents will be made available and in which a forum will be set up so that questions can be asked, and discussions can be held at any time.

EMA documents and slides are used as accompanying material. In addition, references are made to IBM manuals and Redbooks.

3 Content

Goals

The participants know the principles of installation and maintenance of a z/OS environment with SMP/E. They can install and maintain the operating system, subsystems and third party products.

Content

Installation and Maintenance

- Basics of system installation
- Benefits of controlled modifications
- Types of system installation
- Basics of system generation

System Modification Program

- Introduction to SMP/E
- Concept of SMP/E
- SMP/E and system layout
- Distribution Libraries
- Target Libraries

Installation with SMP/E

- System installation steps
- SMP/E dialogue
- RECEIVE-APPLY-ACCEPT

Product Installation

Installing PTFs

Scenarios and Examples